

## ABSTRACT OF THE DISCLOSURE

A manufacturing method for a ceramic oscillator capable of controlling the oscillation frequency with a high accuracy is disclosed. In this method, a mother substrate is polarized, electrodes in discrete ceramic oscillator units are formed, the mother substrate is cut into discrete ceramic oscillator units, an outer package is applied to each of the ceramic oscillators, and thus a ceramic oscillator as a finished product is achieved. Herein, the polarization processing for the mother substrate is executed by finishing the application of a high DC voltage, when the antiresonant frequency  $f_a$  of the mother substrate in a thickness vibration mode is measured while the voltage is applied to the mother substrate, and the antiresonant frequency  $f_a$  which is being measured has reached a target value of the antiresonant frequency of the mother substrate during polarization corresponding to a target oscillation frequency of the ceramic oscillator as a finished product.